

RADIO COMMUNICATIONS APPARATUS AND RADIO COMMUNICATION METHOD

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 JP4247288 (B2)**Abstract of JP 2008072733 (A)**

PROBLEM TO BE SOLVED: To provide a radio base station device with a radio communication method excellent in high-quality transmission and high-speed transmission. ; **SOLUTION:** Orthogonal frequency division multiplex processing is performed on a transmission signal to form an OFDM modulation signal (dashed in FIG.) and orthogonal frequency division multiple access processing and code division multiple access processing are performed on a transmission signal to form an OFDM-CDMA modulation signal (shaded in FIG.) to transmit the OFDM modulation signal and the OFDM-CDMA modulation signal, which makes it possible to transmit data at a very high rate by using the OFDM modulation while making it possible to transmit data with a higher quality by using the OFDM-CDMA modulation than using the OFDM modulation, although it is slightly inferior to OFDM modulation in terms of high rate transmission. ; **COPYRIGHT:** (C) 2008, JPO&INPI

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